ORIGINAL

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EX PARTE OR LATE FILED

February 6, 1997

Mr. William Caton
Acting Secretary
Federal Communications Commission
1919 M Street NW - Room 222
Washington, DC 20554

Re: Ex Parte Meetings
CC Docket No. 95-116

Dear Mr. Caton:

Please be advised that Roger Moore, Robert Wineski, and Richard Wolf of Illuminet, Inc., and Sylvia Lesse of Kraskin & Lesse, LLP, met today with the following persons:

- James L. Casserly, Senior Legal Advisor, Office of Commissioner Susan Ness, and;
- James Coltharp, Special Counsel, Office of Commissioner James H. Quello;
- Daniel Gonzalez, Legal Counsel, Office of Commissioner Rachelle B. Chong;
- Vaikunth Gupta, Carol Mattey, and Jeannie Su of the Common Carrier Bureau.

The discussions were consistent with, and utilized as a basis, the attached documents. A copy of this letter and its attached documents have been delivered to Mr. Tom Boasberg of the Chairman's office; no meeting with the Chairman's office was held.

Pursuant to Section 1.1206(a)(1) of the Commission's Rules, two copies of this *ex parte* notice are being filed with the Office of the Secretary today. Please include this notice in the public record of the above-referenced proceeding.

Respectfully submitted,

Sylvia Lesse

cc (with attachments):

Tom Boasberg
James L. Casserly
James Coltharp
Daniel Gonzalez
Vaikunth Gupta
Carol Mattey
Jeannie Su

SL/js

Illuminet

Local Number Portability

Illuminet Ex Parte Presentation

FCC 2/6/97

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Local Number Portability

Corporate Overview

Illuminet - Formed by 1996 merger of ITN and US. Intelco

- Over 200 employees in Olympia, WA, Overland Park, KS

Customers Include:

- Over 1,000 Independent Telephone Companies
- LECs
- IXCs
- PCS
- Cellular
- OSPs
- RBOCs

Core Competencies

- Nationwide SS7 Network Services
- SS7 Database Services
- Wireless Services
- SS7 Usage Measurement
- Toll Clearinghouse
- PCS

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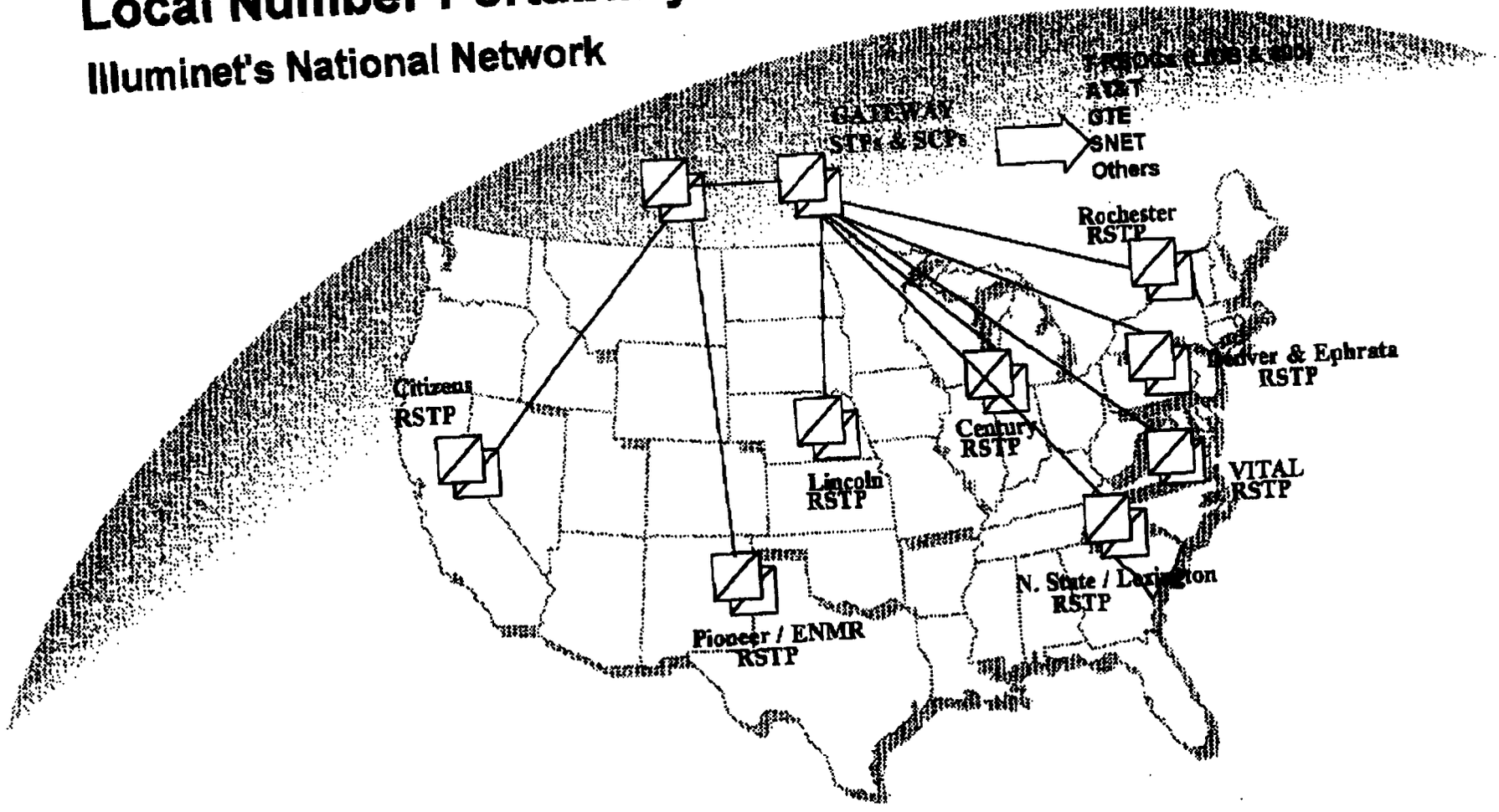
Local Number Portability

Illuminet's National Network



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Local Number Portability

Summary

Illuminet supports the Commission's position to utilize LRN for the implementation of number portability services.

A number of the LRN VS QoR costs comparisons presented to the commission have not taken into consideration key factors which can reduce costs including:

- Companies such as Illuminet will offer, on a service bureau basis, number portability alternatives to the RBOCs.
- STP based implementations are more efficient and less costly than SCP based implementations.

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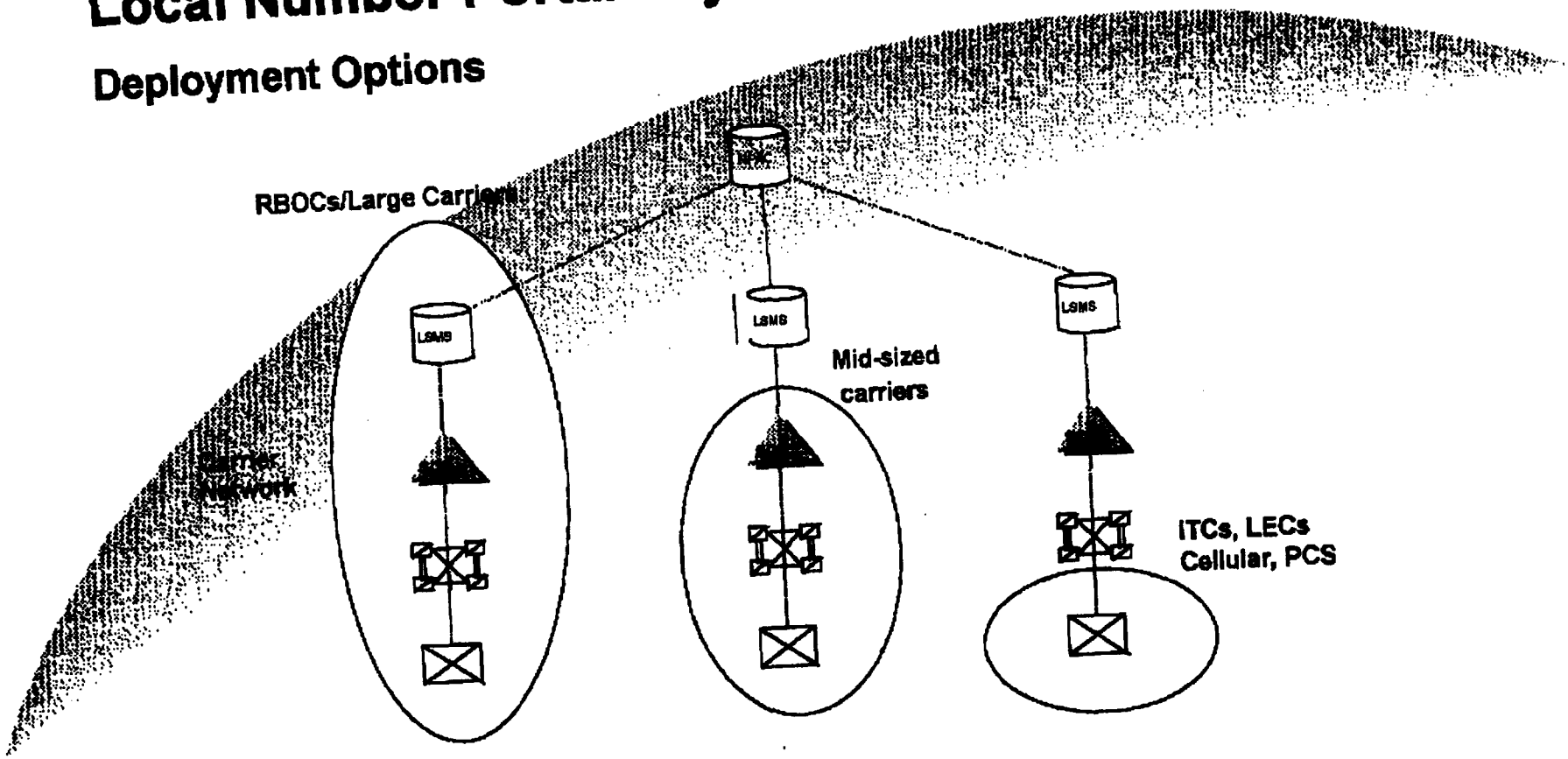
Local Number Portability

Deployment Options



- Different sized carriers deploy different solutions.
- Mid-size and smaller carriers need cost-effective competitive outsourcing alternatives.

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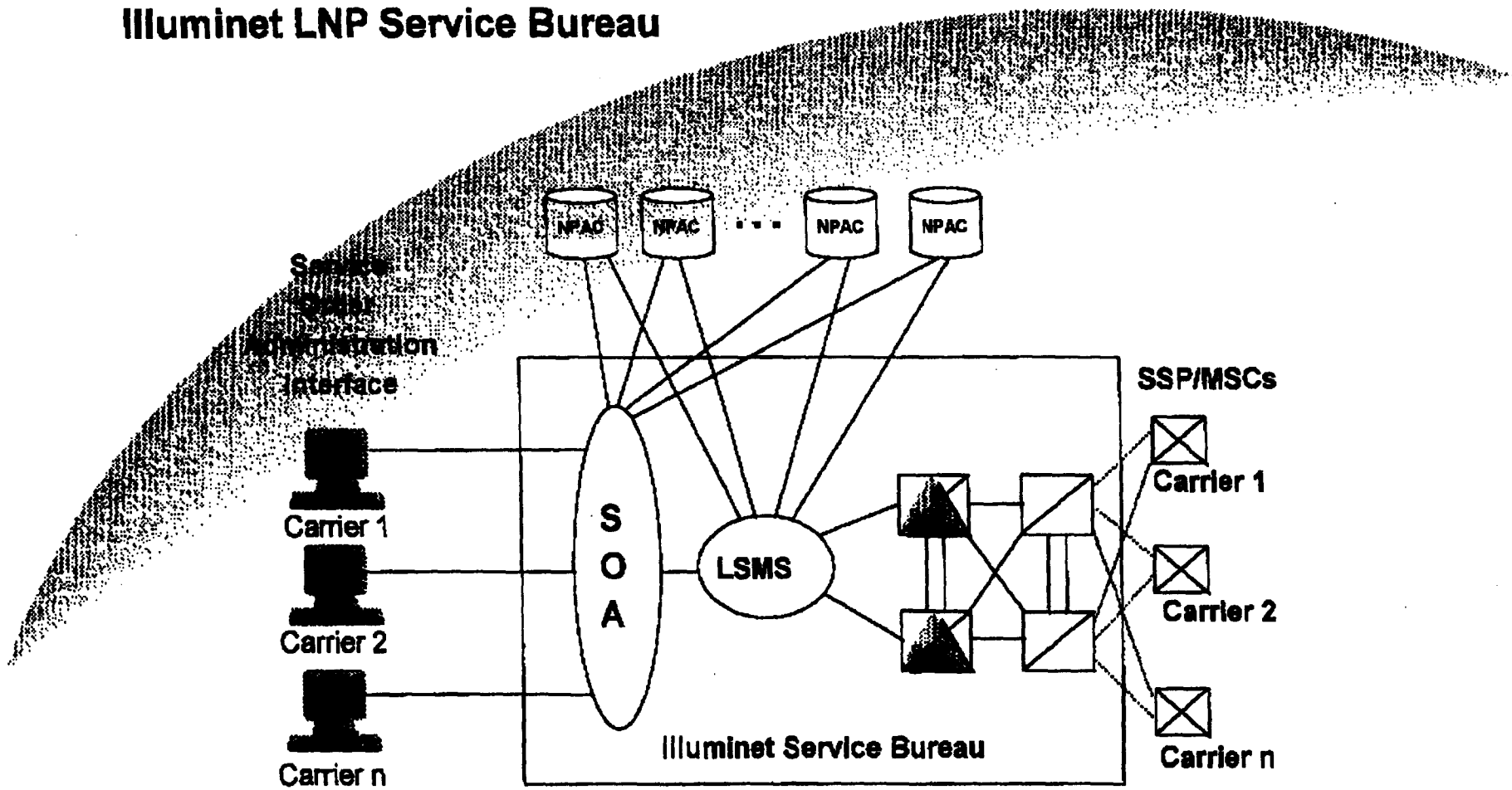
Local Number Portability

Illuminet LNP Service Bureau



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Local Number Portability

Illuminet's LNP Service

- Flexible Service Bureau approach
  - Multiple carriers
- SCP stores all ported numbers in all MSA(s)
- Can support alternate dip methodologies (IN and AIN, wireline and wireless)
- LNP SCP applications
  - GTT and LRN
- Local SMS
  - Interface to carrier's OSS
  - Interface to all NPACs
- Serves both wireline and wireless carriers
- Optimized for LNP

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Local Number Portability

Current Schedule

- Vendor Selection - Complete
- Development of LSMS and SCP complete - 1Q97
- Beta Testing - 2Q97
  - Illinois - 5/15/97
  - Other MSA trials
- FOA - 3Q97

Illuminet is preparing to meet the October 1 mandate.

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Local Number Portability

SCP VS STP Implementation

SCP

- Designed for Flexible service delivery (AIN)
- Multi-application flexibility at a cost
- Capacity limited for LNP
  - 400 - 1000 queries per second
  - Links required from STP to SCP

STP

- Designed for GTT
- Optimal design for LRN/GTT application leading to increased efficiencies
- 1,000 - 10,000 queries per second
- No SS7 links required to SCP functionality

Even for base case of 1,000 TPS, SCP functionality would cost 54% more with traditional SCP approach VS integrated STP.

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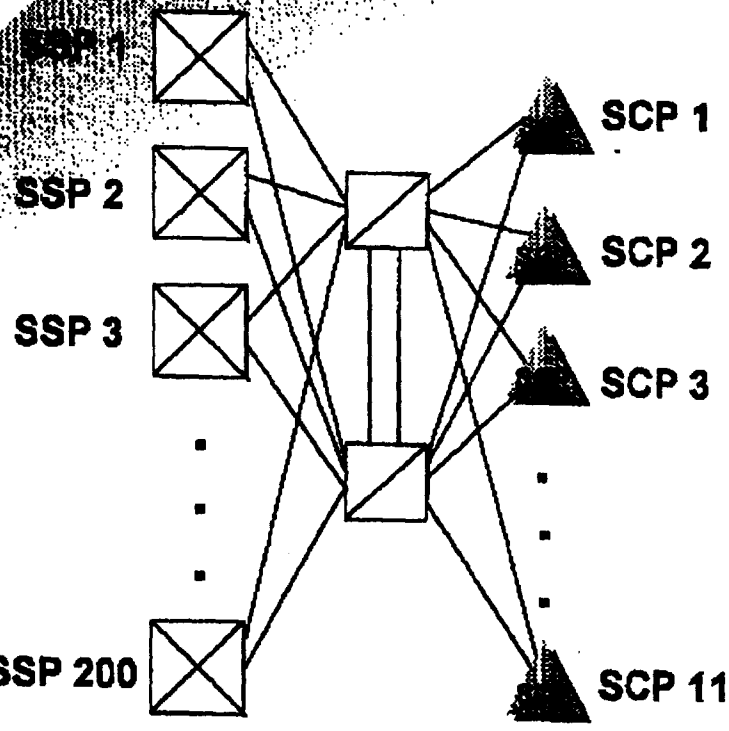
Local Number Portability

SCP VS STP Architectures

TPS Limited Analysis – Assumes High-Speed Links

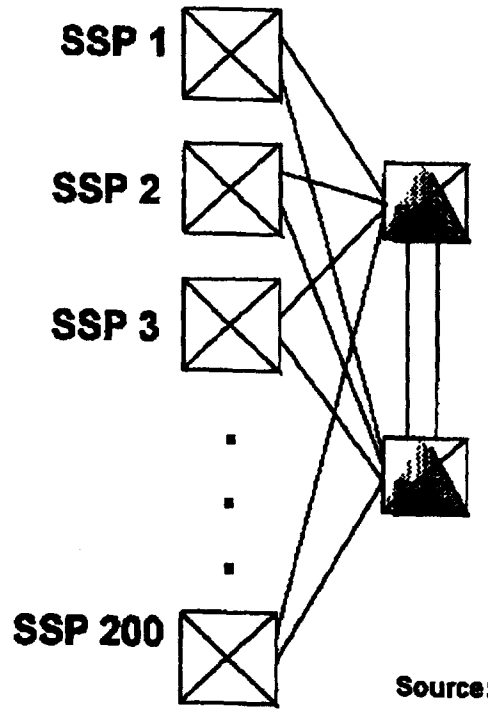
SCP LNP Solution

With one SCP rated at 2,000 TPS, it takes 11 SCPs to service 20,000 LNP TPS



STP LNP Solution

One STP pair services 20,000 TPS



Source: Tekelec

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Local Number Portability

Conclusion

LRN offers a cost-effective approach for delivering number portability services.

There will be competitive providers of number portability services which will reduce the impact on the RBOCs.

STP based LNP solutions can significantly reduce the costs of implementation.